The Legends School of Education

(In search of excellence)

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Summer Assignment ------2025 **Class: 8th**

Subject: Mathematics

1. *Solve the following questions:*
   a. The price of a hair dryer is Rs 14000. The sales tax charged on it is at the rate of 12%. Find the amount that Kumail will have to pay if he buys it?
   b. A student scores 420 marks out of 600. What is his percentage?
   c. If a man spends 60% of his income and saves Rs 4,000 per month, find his total income?
   d. The list price of a frock is Rs 320. A discount if 20% is announced on sales. What is the amount of discount on it and its sales price?
2. Add the following:
   a. $4p^2q - 9qr + 26$ and $3qr -9p^2q - 11$
3. Multiply the following:
   a. $(3y - 9)(8x^2 - 2x + 3)$ b. $(x-9)(y + 2)$
4. Subtract the following:
   a. $4pq(p - q)$ from $9pq(p + q)$
5. Obtain the product of
   a. xy, yz, zx b. 4a, 3b, 7ac
6. Fill in the blanks with correct words:
   a. ________is the reduction given on marked price.
   b. Simple interest is calculated using the formula__________
   c. ________terms have the same variables and powers.
   d. ______is the numerical factor in the term.

Note: Topic for self study

1. Data handling.